# Department of Public Works and Transportation Montgomery County, Maryland

## **DIVISION OF SOLID WASTE SERVICES**



During Recycling Awareness Week, the Division brought the "Magic of Recycling" to 12 elementary schools throughout the County, including Forest Knolls Elementary School in Silver Spring, educating almost 3,600 students about recycling.

# MONTHLY REPORT MAY 2004

# **TABLE OF CONTENTS**

<u>OVERVIEW</u>	3
CITIZEN COMMITTEES	4
<u>COLLECTIONS</u>	4
WASTE MINIMIZATION	7
HAZARDOUS WASTE PROGRAMS	7
AIR PERMITS AND ENVIRONMENTAL PROGRAMS	8
RECYCLING	9
PILOT PROGRAMS	.10
FACILITY ACTIVITIES	.11
GENERAL INFORMATION	.14
SOLID WASTE FACTS IN A NUTSHELL	.15
GLOSSARY OF ACRONYMS	.16

#### **OVERVIEW**

#### Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2004 began July 1, 2003.)

FACILITY	May FY04	FY04 Total	May FY03	May FY02
Materials Recovery Facility <sup>(1)</sup>	6,892 tons	80,427 tons	7,422 tons	7,273 tons
Brunswick Landfill Facility <sup>(2)</sup>	27,895 tons	282,397 tons	25,091 tons	20,203 tons
Resource Recovery Facility <sup>(3)</sup>	55,458 tons	578,660 tons	61,551 tons	53,536 tons
Yard Trim Compost Facility	7,514 tons	74,365 tons	6,053 tons	7,497 tons

<sup>(1)</sup>MRF tons reported are outgoing

#### **Revenue Analysis and Systems Evaluation** – During May, program staff:

- Researched 38 new properties billing characteristics and entered them into TXA 170 system;
- Added 285 properties to Refuse Area 13 (Dufief subdivision);
- Added 246 properties to Recycling Area 7 (Fieldstone Townhomes);
- Processed vacancy refunds payable in May;
- Prepared monthly house counts for collection contractors;
- Updated Access<sup>™</sup> databases and Excel<sup>™</sup> spreadsheets for monthly collection contractor reports;
- Updated street listing maps;
- Continued to research solid waste fee abnormalities in the property tax database;
- Continued analysis on nonresidential properties to support new charge rates;
- Generated Hauler Credit Account invoices for May 2004 totaling \$1,737,373.52 (an increase of \$242,015.75 over May 2003). Added one new hauler account;
- Updated Aging Report 30 day arrears as of June 10<sup>th</sup> = \$4,630;
- Continued compiling and processing data for the 2003 State MRA Recycling Report;
- Continued to assist with revisions to the Ten-Year Plan;
- Modified FY05 Rate Resolutions per T&E action;
- Prepared and printed a notice about revised tip fees effective July 1, 2004, for distribution to truck drivers at Transfer Station;
- Sent e-mail notice to all municipalities about Council tip fee action;
- Sent letter to all waste collector company owners informing them of revised tip fees and encouraging recycling use of County MRF; and
- Assisted with budget process as needed.

<sup>(2)</sup> This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

<sup>(9)</sup>RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

### **CITIZEN COMMITTEES**

<u>Facilities Implementation Group</u> – FIG did not meet in May; the next FIG meeting will be held on June 8, 2004, at the Gothic Barn in Dickerson.

**Solid Waste Advisory Committee** – SWAC held its regular monthly meeting on May 4<sup>th</sup>. Twelve SWAC members, four County staff and two guests were in attendance. SWAC members discussed preparing a letter to Councilmember Perez regarding their decision not to recommend changes to the hours of the satellite drop-off facilities. The Committee received a presentation from DSWS staff on the Division's facilities and activities in Dickerson. SWAC member handbooks were distributed.

#### **COLLECTIONS**

**Refuse** – Refuse collections for May 2004 went as scheduled. Over 20,000 homes in Area 1 (Bethesda) started a new contract with Ecology Services; it was a smooth transition.

**Recycling** – There were over 41,000 homes that started new contracts in Area 1 (Bethesda) and Area 8 (Olney) with over 10,000 collection day changes; and all went very well.

Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

CURRENT PERIOD	POUNDS PER HOUSEHOLD	CORRESPONDING PERIOD PREVIOUS YEAR
6/09/03-7/05/03	9.77	9.21
7/07/03-8/01/03	9.05	8.74
8/04/03-8/29/03	9.37	9.24
9/01/03-9/26/03	10.43	10.15
9/29/03-10/24/03	10.50	10.45
10/27/03-11/21/03	11.43	11.04
11/24/03-12/19/03	11.97	11.74
12/22/03-1/16/04	10.67	9.75
1/19/04-2/13/04	9.33	8.83
2/16/04-3/12/04	9.82	8.94
3/15/04-4/09/04	10.19	10.01
4/12/04-5/07/04	10.58	9.93
5/10/04-6/04/04	10.96	10.09

<u>Contractor Performance</u> — During the month of May 2004, DSWS received 660 complaints; 266 less than May 2003, which numbered 926.

**Enforcement Actions** – Two citations were issued for violations of the County's Solid Waste Laws totaling \$1000 for collecting solid wastes before 7:00 a.m. from a residential structure.

Six NOV's were issued for violations of the County's Solid Waste Laws:

Two NOV's Commercial – Failed to have a recycling program

Two NOV's Improperly stored or permitted solid wastes to accumulate

One NOV Left a collection vehicle unattended while running
One NOV Dump solid wastes at other than an acceptance facility

<u>Customer Service</u> – DSWS received 8,633 incoming calls and made 58 follow-up calls for quality control; 1,085 blue bins were ordered through Customer Service Staff.

For the month of May, DSWS received 56 customer service surveys:

SURVEY QUESTION	MAY 2004		
	YES	NO	N/A
Did we satisfactorily address your request or concern?	93%	7%	0%
Are your trash and recyclables at the curb by 7:00 a.m.?	77%	21%	2%
Do you use our yard trim recycling program?	50%	48%	2%
Do you grasscycle or compost your yard trim?	45%	52%	3%
Do you know about:			
The curbside scrap metal recycling program?	39%	59%	2%
Textile recycling?	20%	78%	2%
Computer recycling?	38%	60%	2%
Household Hazardous Waste drop-offs?	73%	25%	2%
Don't Dump – Donate program?	34%	64%	2%
Use it again program?	20%	78%	2%
Satellite drop-offs?	28%	67%	5%
Have you used the Transfer Station?	57%	41%	2%

#### Additional comments:

The changes in traffic patterns at the Transfer Station to better traffic flow are helpful.

I absolutely love using the Transfer Station! It's extremely easy to move from one area to another without problems.

I am proud of the job Montgomery County does in recycling. I have posted your website as a favorite.

Great Service. Fast, professional, and completely responsive to my request. Thanks!

I think you're doing a great job...if only the two bins I use could have wheels on one end. Easy on us old people.

My blue bin with wheels was stolen and I wrote to you today and got an immediate response that one will be replaced when you get your new stock.

Other than personally carrying the container from my house to curb side – can't really think of anything.

List acceptable materials on the bins themselves.

Do not require that paper be bundled – it would be easier just to put it in a container.

Great to be able to work with this organization via the web and through email vs. the telephone.

<u>Web Site</u> - The following is information gathered from the Montgomery County Solid Waste web site through the month of May:

List Memberships	New May Subscribers		Total Subscribers
HHW Announcements	15		815
Holiday Reminder List	23		3,446
Newsletter Helper	6		251
Usage Counters – May 2004			
Total of Visits			4,891
Total Page Views			8,067
Among the most frequentl	y visited		
pages were:			
• trash			
<ul> <li>How to recycle/disp</li> </ul>	ose of		
• HHW			
Holidays			
Scrap Metal			
Yard Trim			
<ul><li>Paint</li></ul>			
Curbside Recycling			
Transfer Station			
Computer Recycling	<b>,</b>		
	SORRT	Γ	
Total Page Hits			173
Number of page views			279
TRRAC			
Total Page Hits			80
Number of page views			

E-Mail - May 2004	
Top Issues :	
<ul> <li>Order For Literature</li> </ul>	67
General Information	38
Thank You	35
<ul> <li>Collection day Questions</li> </ul>	8
Special Collections/Scrap Metal	7
Wheeled Carts	7
Other	42
Blue Bins	275
Total	459

#### Comments received:

- OK. Super. Thanks. I receive about 100 magazines per week and toss them in the trash. But now I won't.
- I know you all don't have the time to read all the messages, so I feel guilty sending this, but I just have to let you know over and over how great it is to have you all doing such a fabulous job. Thank you for the clear, well organized reminder.

## **WASTE MINIMIZATION**

Product Recycled	Approximate weight recycled in May 2004
Computer	40.3 tons
Fire Extinguishers	None
Propane Tanks	1.6 tons
Textiles	7.5 tons
Construction Materials (Don't Dump – Donate)	1.6 tons
Bicycles	None
Rechargeable Batteries	None

<u>Department of Environmental Protection's Home Composting and Source Reduction Activities</u> – This section will continue when DEP's staff member returns from extended sick leave.

### **HAZARDOUS WASTE PROGRAMS**

<u>Household Hazardous Waste Collection</u> – There were two HHW events in May 2004. The first event was May  $2^{nd}$  at the Transfer Station, and the second event was

May 22<sup>nd</sup> at the Briggs Chaney Park and Ride Lot. There were 693 and 300 participants, respectively.

<u>Mercury (Hg) Free Campaign</u> – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station and exchanges at HHW events.

<u>Small Quantity Generator/Ecowise Program</u> – One Small Quantity Generator (SQG)/Ecowise event was held on May 12<sup>th</sup>; 6 companies participated in the event.

### **AIR PERMITS AND ENVIRONMENTAL PROGRAMS**

Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations - In May, the Continuous Emissions Monitoring System (CEMS) continued to track the percent load, certain engineering parameters and emissions of all three units. The CEMS indicated that all three units operated until approximately 11 p.m. on May 5<sup>th</sup> when the CEMS showed a Carbon Monoxide (CO) spike from unit 2 and no further emissions indicating that the unit was brought offline. Inquiries with Covanta indicated that the unit was brought offline for scheduled maintenance. Thereafter, units 1 and 3 operated until approximately 2 a.m. on May 14<sup>th</sup> when the CEMS showed emissions from unit 2 indicating that the unit was brought back online after completing maintenance work. Thereafter, all three units operated until midnight on May 16<sup>th</sup> when the CEMS showed no further emissions from unit 2 indicating that the unit was brought offline. Inquiries with Covanta indicated that the unit was brought offline because of an external steam tube leak. At approximately 7 p.m. on May 16<sup>th</sup>, the CEMS again showed emissions from unit 2 indicating that the unit was brought back on line within 20 hours after replacing the leaking steam tube. Thereafter, all three units operated until approximately 11 p.m. on May 29th when the CEMS showed a Carbon Monoxide (CO) spike from unit 3 and no further emissions indicating that the unit was brought offline. Inquiries with Covanta indicated that the unit was brought offline to replace broken grate bars. At approximately 7 p.m. on May 30<sup>th</sup>, the CEMS again showed emissions from this unit indicating that the unit was back online within 20 hours after the broken grate bars were replaced. Thereafter, all three units operated until the end of the month. There were no other equipment malfunctions that affected stack emissions in May with the exception of the incidents discussed above.

On May 3<sup>rd</sup>, Covanta performed the monthly "Opacity Test" for May. The opacity test is a requirement under Title V of the RRF Air Permit. As in the past tests, the opacity readings were 0% compared to the Title V Permit limit of 10%.

In the first week of May, the set of three CEMS CD-ROM's were updated to include CEMS data up to April 30<sup>th</sup>. Copies of the CDs' were placed in the Rockville and Poolesville libraries.

<u>FIG-SWAC Air Quality Subcommittee</u> – Further comments received from one of the Subcommittee members were communicated to ENSR. The contractor is currently preparing the final report, which is expected in June 2004.

<u>Oaks Landfill Energy Recovery</u> – SCS Engineers submitted the gas sampling results from March and April at the Oaks Landfill. From a total of 6 samples, the methane levels ranged from 42.0% to 59.3%. SCS continues to conduct monthly gas sampling and analysis at the Oaks Landfill. This information will be used to prepare the "Emissions Certification Report" for 2004 for submission to MDE in March 2005.

<u>Contracts and RFP's</u> - ENSR submitted the scope of work for the 3<sup>rd</sup> Operational Phase Non-Air Media Monitoring Program that is scheduled for summer 2004. DSWS is currently reviewing the document. After DSWS' review, the document will be submitted to the Air Quality Subcommittee for review.

ENSR is also continuing work on the Cumulative Health Risk Assessment. The schedule for the Cumulative Health Risk Assessment calls for completion of data analysis and Air Quality Modeling work in FY04 and Toxicological Health Risk Assessment in FY05.

ENSR's subcontractor, EDR of Syracuse, NY, submitted 15 copies of the final report on the "Off-Site Lighting Impact Analysis for the Resource Recovery Facility (RRF) and the Yard Trim Composting Facility (YTCF)", and is currently preparing a CD containing the final report.

<u>TES Contract</u> - Technical Environmental Services (TES) of Gaithersburg submitted the May Monthly Maintenance Report for the Meteorological Tower. No problems were found. This contract is scheduled to expire in August 2004 and can be extended for another year. A contract amendment will be prepared to extend the contract.

<u>SCS Contract</u> – The SCS contract that expires on July 19, 2004, will not be renewed. The gas sampling and emissions certification work will be conducted either under the Engineering Services Contract or under ENSR's contract using SCS Engineers as a subcontractor to ENSR.

## **RECYCLING**

<u>Public Outreach</u> – SCS Engineers has been awarded the task order of the <u>Feasibility Study on Franchised Recycling Collection to Promote Recycling in the Non-Residential and Multi-Family Sectors</u>. The Division's Recycling Awareness Week was the week of May 17<sup>th</sup>-21<sup>st</sup>. Fourteen major recycling educational events were conducted in 5 days. Twelve elementary schools which received "A" ratings on their recycling infrastructure evaluations were rewarded with the Division's Magic of Recycling events. Staff solicited Ride On's and Highway Services' participation in these school events to accommodate the Department's celebration of National Public Works Week, which coincides with the Division's Recycling Awareness Week. The highlight of the week was the Recycling Awards Ceremony, when the Division recognized 50 businesses, organizations and

individuals, 10 multi-family properties and 5 single-family homeowners for their outstanding efforts in recycling, waste reduction and buying recycled. Ms. Kate Krebs, Director of the National Recycling Coalition and Mr. Robert Drury, Director of Building Operations, Lockheed Martin Corporate Headquarters were guest speakers. In addition, the Division hosted the awards reception for the "Many People, One Earth" poster contest recognizing 30 MCPS students for using their talents and creating inspiring artwork. During the month of May, over 5,400 people were educated on recycling, waste reduction, and buying recycled at events and activities.

<u>Commercial Recycling and Waste Reduction</u> – Staff continued to perform on-site visits of businesses in May and resolved several complaints. During May, staff distributed 531 recycle bins to businesses and participated in 21 educational events, including Recycling Awareness Week activities. Staff forwarded two businesses to Code Enforcement staff, citing businesses for not recycling required materials, violations of Executive Regulation 109-92AM. As a result, two NOV's were issued, and as of May 28<sup>th</sup>, the businesses cited were in compliance.

<u>Multi-Family Recycling</u> — In May, staff continued to perform verifications of annual reports that were due on February 1<sup>st</sup> from apartments and condominiums and distributed 7 recycle bins to multi-family properties. The May edition of the TRRAC newsletter was mailed. Work began on the summer edition of the TRRAC newsletter. Work also continued on revisions to the Property Manager's Guidebook. Staff participated in 17 outreach events during the month of May, including Recycling Awareness Week activities.

<u>Mixed Paper Recycling</u> – Existing educational materials are being distributed to residents at events. Larger quantities of materials are also provided to homeowner's associations and civic groups for their use and distribution.

<u>Volunteer Activities</u> – Spring composting workshops are concluding and preparation for fall composting workshops is underway. Thirteen volunteers provided recycling information to residents at events. Planning has begun for the rescheduled Volunteer Appreciation Dinner which will be held on Thursday, June 17, 2004. Assistance was given for Recycling Awareness Week. Planning is underway to help the Transfer Station with its new gas can exchange program as part of the HHW collections. Bids received for the Compost Bin IFB were deemed non-responsive. A new IFB is being drafted for FY05.

### **PILOT PROGRAMS**

<u>ComPRO Pilot</u> – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003. Year-to-date ComPRO sold is 14,496 bags.

<u>Tubgrinding Pilot</u> – From February 13<sup>th</sup>-27<sup>th</sup>, the County processed 2,412 yards of screened reject material at the Compost Facility. The processed material is now being sold at \$4/yd.

### **FACILITY ACTIVITIES**

**Resource Recovery Facility** – The RRF processed 55,458 tons, or 1,789 tons per day. Trash deliveries averaged 13,502 tons/week. Unit 2 came down late on May 5<sup>th</sup> for about eight days for scheduled maintenance. On May 16<sup>th</sup>, unit 2 came down again to repair an external tube leak in the boiler. On the evening of May 29<sup>th</sup> unit 3 came down for grate bar repairs. Ash deliveries hindered operation over the holiday weekend.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant during the month of May. There was no need to purchase power during the month.

There were no reportable air or water quality environmental excursions during the month.

The following environmental activities occurred:

- Submitted the April 2004 Potable Water Monthly Operating Report to MDE;
- Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit;
- Ron Wicks from MDE performed the annual NPDES inspection of the RRF on May 5<sup>th</sup>. No significant issues were noted;
- Submitted the results of potable water sampling in March 2004 to MDE as required as a result of a lead action level exceedance recorded in 2002. Results indicated that the samples were well within standards verifying that the 2002 results were most likely anomalies;
- Submitted the 2<sup>nd</sup> Quarter 2004 Bacteriological Monitoring Report to MDE;
- Received MDE approval of our proposed pollutant/process parameter surrogate monitoring plan;
- Notified and submitted reports to MDE regarding an oil spill at the RRF on May 14<sup>th</sup>;
- Initiated review and update of the RRF Spill Prevention Control and Countermeasures and Storm Water Pollution Prevention plans.

<u>Materials Recovery Facility</u> – Approximately 1,582 tons of commingled material were shipped out, and approximately 5,309 tons of mixed paper were loaded out and transferred to OPS' processing facility in May 2004. Generated revenue through May for FY04 reached over \$2 million, the highest revenue realized since the Recycling Center became operational in 1991. The ability to sort more plastic grades, due to the new processing system's capabilities, contributed to reaching this revenue level, with about \$1.2 million in recycling revenue generated through the sale of recycled plastic.

A contractor began a limited energy audit to assess possible improvements for the facility.

<u>Oaks Landfill</u> – PEPCO Energy Systems (PES) was the posted awardee for a contract for the beneficial reuse of landfill gas at the Oaks Landfill. DSWS staff scheduled the first meeting for contract negotiations with PES. The construction project to modify the leachate storage lagoons is complete except for a couple punch list items. DSWS had C.T. Stanley spray for Canadian Thistle, a regulated noxious weed, with Transline, a selective herbicide recommended by the Maryland Department of Agriculture.

<u>Gude Landfill</u> – DSWS had an IFB out for enclosed flare, blower and control equipment. DSWS also meet with an existing County support contractor, CDCI, to get a bid on the installation of the flare equipment. The project was broken up to get a head start on ordering equipment while other design work was completed. The new flare equipment will replace or back-up the existing power plant for gas management.

<u>Transfer Station</u> – During May, Covanta shipped via rail 56,220 tons of processible waste from the Transfer Station to the RRF; 3,377 fewer tons than shipped in May 2003.

There was a pre-bid conference for the installation of the fourth compactor. Work should start in early June with estimated start-up in early August.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

A Covanta subcontractor repaired the brick work on several storm water catch basins.

A Covanta subcontractor repaired a section of the access road to the tipping floor entrance.

DSWS worked with the State to develop a spill-proof gas can exchange that will be held in conjunction with the remaining HHW events for the fiscal year. Gas can exchanges are planned for the three scheduled June HHW events.

The inbound radiation detectors had 18 alarms in May 2004, including 1 false alarm (an alarm that could not be re-verified) - all of the valid alarms were identified as low levels of medical isotopes with short half-lives, including 6 cases where the driver or a passenger had undergone recent medical tests or treatment, and were accepted.

<u>Site 2 Landfill Properties</u> – Received the renewed Site 2 landfill refuse disposal permit from MDE. The County completed its inspection of the Site 2 properties. As a result, a drum with residual oil was removed and disposed of from a wooded area of the properties.

<u>Yard Trim Compost Facility</u> – In May, the Yard Trim Compost Facility received 7,514 tons of material for composting. The year-to-date total is 74,365 tons.

No debris was sent to the RRF.

Eight thousand one hundred thirty-five (8,135) cubic yards of Leafgro were shipped to distributors.

**<u>Bagging Operation</u>** – In May, 53,000 bags of Leafgro were shipped to distributors (each bag is 1.5 cubic ft. weighing 45 lbs.).

Five hundred fifty-three (553) bags of ComPRO were shipped to distributors (each bag is 1 cubic ft. weighing 30 lbs.).

### **Out-of-County Haul**

<u>Brunswick County, Virginia</u> – During the month of May, about 16,086 tons of ash residue and 11,809 tons of nonprocessible waste were transported to the County's dedicated disposal cell at the BWMF in Brunswick County, Virginia. About 761 tons of rubble were recycled this month at Clean Earth in Hagerstown, MD, and about 533 tons of oversize bulky wood waste were recycled by L&I Tree Clearing in Hancock, MD. The Transfer Station continued to work with the contractor to address the dramatic increase in nonprocessible waste by increasing trucking resources to manage this material.

#### GENERAL INFORMATION

#### **Important Telephone Numbers**

General information on solid waste 240-777-6400

Customer Service 240-777-6410

Transfer Station 301-840-2370 (County Office)

301-590-1032 (Covanta) 301-330-2840 (MES)

Materials Recovery Facility 301-840-2701 (County Office)

301-417-1447 (MES)

Resource Recovery Facility 240-777-6494 (County Office)

301-916-3031 (Covanta)

Yard Trim Compost Facility 301-428-8185 (MES)

Internet for DSWS www.montgomerycountymd.gov/solidwaste

www.montgomerycountymd.gov/recycling

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

Theresa Souders
Department of Public Works and Transportation
Division of Solid Waste Services
101 Monroe Street, 6th Floor
Rockville, MD 20850

Tel: 240-777-6425 Fax: 240-777-6465

E-mail: theresa.souders@montgomerycountymd.gov

# SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Recycling Rate Reported in	37.1% (FY03)
Montgomery County	
Recycling Goal	50% by December 2004
Resource Recovery Facility (RRF)	Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).
Yard Trim Composting Facility (DCF)	Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY03 tons received- 80,138
# Residences receiving trash collection	85,080
by County contractors	
# Residences receiving collection of recyclables in blue bins and yard waste collection	204,300
Term of out-of-county waste transportation	June 19, 1997 through June 30, 2012
and disposal contract with Brunswick Waste	with an option for a five-year renewal.
Management Facility, Inc.	(Service started on October 20, 1997.)

#### **GLOSSARY OF ACRONYMS**

AAR American Ash Recycling, Inc.

APC Air Pollution Control

ASME American Society of Mechanical Engineers
BWMF Brunswick Waste Management Facility, Inc.

CDL Commercial Driver's License

CEMS Continuous Emissions Monitoring System

CFR Code of Federal Regulation
CIP Capital Improvements Program

COD Cash on Delivery

COG Metropolitan Washington Council of Governments

CSX Chesapeake Transportation Systems

CY Calendar Year

DEP Department of Environmental Protection
DNR Maryland Department of Natural Resources

DSWS Division of Solid Waste Services
EPA Environmental Protection Agency
FIG Facilities Implementation Group

FY Fiscal Year
GFA Gross Floor Area

HHW Household Hazardous Waste

IFB Invitation For Bid

IPM Integrated Pest Management
KMCB Keep Montgomery County Beautiful

LFG Landfill Gas

LTTS Leachate Thermal Treatment System MCPS Montgomery County Public Schools MCR Maximum Continuous Rating

MDE Maryland Department of Environment
MES Maryland Environmental Service

Mg/I Milligrams per liter

M-NCPPC Maryland National Capital Park and Planning Commission

MRA Maryland Recycling Act
MRF Materials Recovery Facility
MSW Municipal Solid Waste
MWh Mega Watt hours

NIH National Institutes of Health

NMWDA Northeast Maryland Waste Disposal Authority

NOV Notice of Violation

NPDES National Pollution Discharge Elimination System

NTP Notice to Proceed

OLAC Oaks Landfill Advisory Commission
OMB Office of Management and Budget

OPS Office Paper Systems

PEPCO Potomac Electric Power Company PSA Public Service Announcement

RFP Request for Proposal
ROL Reduced Operating Level
RRF Resource Recovery Facility
SCA Sugarloaf Citizens Association
SHA State Highway Administration

SORRT Smart Organizations Reduce and Recycle Tons
SDAT State Department of Assessments and Taxation

SWAC Solid Waste Advisory Committee
TCLP Toxic Characteristic Leaching Procedure
TES Technical Environmental Services

TPD Tons Per Day

TRRAC Think Reduce and Recycle at Apartments and Condominiums
TXA 170 Computer Interface Program (Property Account Database)

UT Ultra-sonic Testing

YTCF Yard Trim Compost Facility